

Using the NIH Awards Database (<http://projectreporter.nih.gov/reporter.cfm>).

[Examples of keyword searchers:]

If the investigator considers the research question:

- (1) *“What is the effectiveness of programs that reduce prenatal exposure to environmental tobacco smoke (second hand smoking) to reduce preterm and stillbirths in Indonesia?”*

One could search Keywords: “**tobacco**” and “**preterm**” or “**tobacco**” and “**prenatal**”

If the investigator, recognizing the low usage of prenatal steroids in preterm labor in Indonesia, were to pose the question:

- (2) *“What is the effectiveness of ‘clinical quality of care interventions that increase the timely and appropriate use of prenatal corticosteroids in preterm labor’ to reduce neonatal complications and mortality?”*

One could search the keywords “**prenatal**” and “**corticosteroids**” to find current research activities on this and related topics.

- (3) if the investigator wished to address the low rate of acceptance and application of kangaroo mother care for preterm babies in Indonesia, asking a question such as:

“What are the obstacles to introduction of KMC in public and private hospitals in Indonesia”

Or

“What is the relative effectiveness and cost comparison of per-protocol KMC versus routine incubator care for preterm newborns on measures of mortality, complications, weight gain, and establishment of breastfeeding?”

One could search the Keywords “**kangaroo**” and “**KMC**” – and may find no current activities. In this case, one may wish to search for collaborators with relevant experience in breastfeeding promotion or preterm clinical care as potential collaborators.

- (4) If the investigator wishes to produce new evidence on the relationship between facility policies and practices (generally regarding rooming-in, counseling, and policies promoting separation of the mother and baby) and the establishment of breastfeeding, asking a question such as:

“What is the relationship between current hospital policies and practices and establishment of early and exclusive breastfeeding in Indonesia?”

One could search the keywords “**breastfeeding**”

Selecting research topics:

Several reports and articles are available summarizing health research priorities, for example:

Newborn Health:

<http://www.plosmedicine.org/article/info%3Adoi%2F10.1371%2Fjournal.pmed.1000389>

<http://www.plosmedicine.org/article/info%3Adoi%2F10.1371%2Fjournal.pmed.1000380>

http://whqlibdoc.who.int/publications/2009/9789241598651_eng.pdf

Though these priorities are not exclusively implementation research, nor are they priorities developed specifically for Indonesia, they are useful in framing the general areas of priority for newborn health research. The CHNRI methodology applied for the development of these priorities is similar to the approach that will be used to judge the relevance of research topics for PEER grants, with emphasis on the topic being directly relevant to accelerating progress in programs in Indonesia to reduce newborn mortality.

Tuberculosis:

An International Roadmap for Tuberculosis Research:

<http://www.niaid.nih.gov/topics/tuberculosis/Research/Pages/default.aspx>

NIH's TB research:

<http://www.niaid.nih.gov/topics/tuberculosis/Research/Pages/default.aspx>

Influenza:

Influenza Research at the Human Animal Interface (report of a WHO working group)

<http://www.niaid.nih.gov/topics/tuberculosis/Research/Pages/default.aspx>